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Osama Abduo is a Systems Engineer at for Fortinet Middle East based in Kuwait. Osama is supporting the sales of Fortinet products enabling business agility through IT security improvement. Previously, Osama worked in Gulf Business Machine (GBM) Kuwait as Technical Consultant for the Public Authority for Civil Information (PACI) in Kuwait contributing his expertise about the latest security technologies against cyber threats to the technical team. Prior to that, Osama worked as a Senior Network Security Engineer, with Universe Computers, the first Cisco gold partner in Kuwait, with a team of CCIE certified engineers, taking care of design, installation, and configuration, of various technologies and brands, including but not limited to firewalls, switches and routers, UTMs, VPN, IPS, NAC, and email security. With over 11 years, Osama has a wide experience in Fortinet, Cisco, and Juniper products.

Osama graduated from University of Canterbury, Christchurch, New Zealand, in 2004, with Bachelor Degree in Electrical and Computer Engineering. He then attended several IT and security courses, and achieved multiple certifications including: Fortinet FCNSP, Cisco CCIE security, and Juniper JNCIS-SEC.

Session Abstract
Title: Security from the Inside

This session will address the following:

As organizations grow and embrace the latest IT technology such as Mobility and Cloud the traditional network boundaries are becoming increasingly complex to control and secure. There are now many different ways into an enterprise network.

Not long ago, firewall vendors marked the ports on their appliances ‘External’ (Untrusted) and ‘Internal’ (Trusted). However, advanced threats use this to their advantage because, once inside, the network is very flat and open. The inside of the network usually consists of non-security aware devices such as switches, routers and even bridges. So once you gain access to the network as a hacker, contractor or even rogue employee, then you get free access to the entire enterprise network including all the valuable assets.

The solution is a new class of firewall – Internal Segmentation Firewall (ISFW) that sits at strategic points of the internal network. It may sit in front of specific servers that contain valuable intellectual property or a set of user devices or web applications sitting in the cloud.